0360 0420 0400 -0285 0 IPE

CRF Errors Corrected by the STIC System Branch

Serial Number: 10/005,196 #3

CRF Processing Date: 12/12/01
Edited by:
Verified by: DC (STIC sta

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: ENTERED
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 12/17/2001
PATENT APPLICATION: US/10/005,196 TIME: 13:28:05

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\12172001\J005196.raw

<110> APPLICANT: Allen, Keith D.
Matthews, William
Moore, Mark
<120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING FPR-RS4 GENE DISRUPTIONS
<130> FILE REFERENCE: R-632
C--> <140> CURRENT APPLICATION NUMBER: US/10/005,196
<141> CURRENT FILING DATE: 2001-12-04
<150> PRIOR APPLICATION NUMBER: US 60/251,817
<151> PRIOR FILING DATE: 2000-12-06
<150> PRIOR APPLICATION NUMBER: US 60/311,056
<151> PRIOR FILING DATE: 2001-08-08
<160> NUMBER OF SEQ ID NOS: 4
<170> SOFTWARE: FastSEQ for Windows Version 4.0
<210> SEQ ID NO: 1
<211> LENGTH: 1554
<212> TYPE: DNA
<213> ORGANISM: Mus musculus
<400> SEQUENCE: 1
cctttccata gagaacaaag aactaaagaa attctgtgac aaatggacaa tataattggc 60
ccagtgttct cctcctcatg gtaatctcat gcctctacaa tctacatcca gtacactctc 120
aggtcaacat cagagtaagg atatggagcc taggatccct tcttaaacaa ctggagacgt 180
aataaccctc tttattaatg catagaatta agatttccat agggatattt aacagaaaac 240
cacatttact ctattacccc tagaataggt acttttaaat agaaggtgat gtgggatctg 300
aggtaggcgg gacaagaatg gagacacatc tgaaaaatag ttattgttga aaatttttag 360
gtactgacaa gatggaagtc aacatttcaa tgcctctgaa tggatcagaa gttgtgtttt 420
atgattctac cacctcaagt gttctatgga tcctctcatt agtggttctc tttataacct 480
ttgtcctcgg tgttctaggt aatgggcttg tgatttgggt ggctgggttc cagatggcac 540
acactgtgac cactgtctct tatctgaact tggctttgag tgatttatct ttcatggtta 600
ctctaccact tcacatcatc tcaatggtca tgagaggaaa atggcttttt ggttggtttc 660
tttgcaaatt agttcacata attgcaaaca taaacctttt tgtaagtatc ttcctaatca 720
ctcttattgc catggatcgc tgtatttgtg tcctgtgccc agtatggtct cagaatcacc 780
gaactgtgag tctggccaga aaagtggttc ttggagcttg gatatttgct ctgctgctta 840
ccttgccaca ttttctcttc ttgactacag tgagagatgc aagaggggat gtgtactgta 900
tatctaaatt tgaatcctgg gttgcaacct ctgaagagca gttaaagatg tctgttattg 960
ctgccacagc ttcaggaatc atcaatttca ttattggatt cagcatgccc atgtctttca 1020
ttgctatctg ctatggactc atggctgcca agatctgcag aagaggcttt gtgaattcca 1080
gtcgtccttt acgtgtcctc actgctgtag cgatttcctt ctttgtctgt tggttccctt 1140
ttcaattaat tatgctttta ggcaacatct ttaacaatga gacactgagc attattcata 1200
tgttggttaa cccagcaaat accttggctt cctttaacag ctgcctcaac ccaatactct 1260
atgtattcct gggtcaggaa ttcagagaca gactaatcta ttctctgtat gccagtctag 1320
agagggccct gagggaagac tagtccttga tggaaaattc agtcctgagc actgacacag 1380
acagcaactt gtcttcatga actgcagact ctgagctata ggaaatggca ggagtaaggc 1440
caatgggatt ttttttccc taccctagtc ttaatttctg tcttatccta tcttgcatga 1500
aatttctgag tataactata gaatctctct gattctgatt tggaagacag aagt 1554
<210> SEQ ID NO: 2
<211> LENGTH: 323

RAW SEQUENCE LISTING DATE: 12/17/2001
PATENT APPLICATION: US/10/005,196 TIME: 13:28:05

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\12172001\J005196.raw

61 <212> TYPE: PRT
62 <213> ORGANISM: Mus musculus
64 <400> SEQUENCE: 2
65 Met Glu Val Asn Ile Ser Met Pro Leu Asn Gly Ser Glu Val Val Phe
66 1 5 10 15
67 Tyr Asp Ser Thr Thr Ser Ser Val Leu Trp Ile Leu Ser Leu Val Val
68 20 25 30
69 Leu Phe Ile Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile
70 35 40 45
71 Trp Val Ala Gly Phe Gln Met Ala His Thr Val Thr Thr Val Ser Tyr
72 50 55 60
73 Leu Asn Leu Ala Leu Ser Asp Leu Ser Phe Met Val Thr Leu Pro Leu
74 65 70 75 80
75 His Ile Ile Ser Met Val Met Arg Gly Lys Trp Leu Phe Gly Trp Phe
76 85 90 95
77 Leu Cys Lys Leu Val His Ile Ile Ala Asn Ile Asn Leu Phe Val Ser
78 100 105 110
79 Ile Phe Leu Ile Thr Leu Ile Ala Met Asp Arg Cys Ile Cys Val Leu
80 115 120 125
81 Cys Pro Val Trp Ser Gln Asn His Arg Thr Val Ser Leu Ala Arg Lys
82 130 135 140
83 Val Val Leu Gly Ala Trp Ile Phe Ala Leu Leu Leu Thr Leu Pro His
84 145 150 155 160
85 Phe Leu Phe Leu Thr Thr Val Arg Asp Ala Arg Gly Asp Val Tyr Cys
86 165 170 175
87 Ile Ser Lys Phe Glu Ser Trp Val Ala Thr Ser Glu Glu Gln Leu Lys
88 180 185 190
89 Met Ser Val Ile Ala Ala Thr Ala Ser Gly Ile Ile Asn Phe Ile Ile
90 195 200 205
91 Gly Phe Ser Met Pro Met Ser Phe Ile Ala Ile Cys Tyr Gly Leu Met
92 210 215 220
93 Ala Ala Lys Ile Cys Arg Arg Gly Phe Val Asn Ser Ser Arg Pro Leu
94 225 230 235 240
95 Arg Val Leu Thr Ala Val Ala Ile Ser Phe Phe Val Cys Trp Phe Pro
96 245 250 255
97 Phe Gln Leu Ile Met Leu Leu Gly Asn Ile Phe Asn Asn Glu Thr Leu
98 260 265 270
99 Ser Ile Ile His Met Leu Val Asn Pro Ala Asn Thr Leu Ala Ser Phe
100 275 280 285
101 Asn Ser Cys Leu Asn Pro Ile Leu Tyr Val Phe Leu Gly Gln Glu Phe
102 290 295 300
103 Arg Asp Arg Leu Ile Tyr Ser Leu Tyr Ala Ser Leu Glu Arg Ala Leu
104 305 310 315 320
105 Arg Glu Asp
109 <210> SEQ ID NO: 3
110 <211> LENGTH: 200
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 12/17/2001
PATENT APPLICATION: US/10/005,196 TIME: 13:28:05

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\12172001\J005196.raw

115 <223> OTHER INFORMATION: Targeting Vector
117 <400> SEQUENCE: 3
118 catagaatta agatttccat agggatattt aacagaaaac cacatttact ctattacccc 60
119 tagaataggt acttttaaa atagaaggtg atgtgggatc tgaggtaagg cgggacaaga 120
120 tggagacaca tctgaaaaat agttattgtt gaaaattttt aggtgctgac aagatggaag 180
121 tcaacatttc aatgcctctg 200
123 <210> SEQ ID NO: 4
124 <211> LENGTH: 200
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Targeting Vector
131 <400> SEQUENCE: 4
132 ccactgtctc ttatctgaac ttggctttga gtgatttatc tttcatggct actctaccac 60
133 ttcacatcat ctcaatggtc atgagaggaa aatggctttt tggttggttt ctttgcaaat 120
134 tagttcacat aattgcaaac ataaaccttt ttgtaagtat cttcctaatc actcttattg 180
135 ccatggatcg ctgtatttgt 200

VERIFICATION SUMMARY DATE: 12/17/2001
PATENT APPLICATION: US/10/005,196 TIME: 13:28:06

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\12172001\J005196.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number

OIPE

RAW SEQUENCE LISTING DATE: 12/12/2001
PATENT APPLICATION: US/10/005,196 TIME: 14:36:29

Input Set : A:\R-632 Sequence listing for Submission.txt
Output Set: N:\CRF3\12112001\I005196.raw

Does Not Comply
Corrected Diskette Needed

```
      4 <110> APPLICANT: Allen, Keith D.
      5       Matthews, William
      6       Moore, Mark
      8 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING FPR-RS4 GENE
      9       DISRUPTIONS
     11 <130> FILE REFERENCE: R-632
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/005,196
     14 <141> CURRENT FILING DATE: 2001-12-04
     16 <150> PRIOR APPLICATION NUMBER: US 60/251,817
     17 <151> PRIOR FILING DATE: 2000-12-06
     19 <150> PRIOR APPLICATION NUMBER: US 60/311,056
     20 <151> PRIOR FILING DATE: 2001-08-08
     22 <160> NUMBER OF SEQ ID NOS: 4
     24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

ERRORED SEQUENCES

```
    123 <210> SEQ ID NO: 4
    124 <211> LENGTH: 200
    125 <212> TYPE: DNA
    126 <213> ORGANISM: Artificial Sequence
    128 <220> FEATURE:
    129 <223> OTHER INFORMATION: Targeting Vector
    131 <400> SEQUENCE: 4
    132 ccactgtctc ttatctgaac ttggctttga gtgatttatc tttcatggct actctaccac 60
    133 ttcacatcat ctcaatggtc atgagaggaa aatggctttt tggttggttt ctttgcaaat 120
    134 tagttcacat aattgcaaac ataaaccttt ttgtaagtat cttcctaatc actcttattg 180
    135 ccatggatcg ctgtatttgt                                           200
E--> 139 (1) — delete
```

VERIFICATION SUMMARY DATE: 12/12/2001
PATENT APPLICATION: US/10/005,196 TIME: 14:36:30

Input Set : A:\R-632 Sequence listing for submission.txt
Output Set: N:\CRF3\12112001\I005196.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:139 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:200 SEQ:4